

ABSTRACT OF THE DISCLOSURE

An embodiment of the present invention includes a technique to allow mobile devices to discover nearby hosts and applications for impromptu interactions. A session-based ad-hoc group (SBG) is created within a well-known ad-hoc group (WKG) for impromptu interactions among unrelated mobile users. The WKG has a WKG network configuration and a set of WKG interaction protocols. The SBG has SBG network configuration and a set of SBG interaction protocols. Information pertaining to the SBG is advertised on the WKG.